

AVCO LYCOMING SITE
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Field Trip Summary Report, prepared by Pennsylvania Department of Environmental Resources (PADER), (undated). P. 100001-100009. A U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment is attached.

* Administrative Record File available 4/15/91, updated 6/26/91, updated 4/16/92.

II. REMEDIAL ENFORCEMENT PLANNING

1. Administrative Order by Consent In the Matter of: Avco Corporation site, 6/27/88. P. 200001-200017.
2. Letter to Ms. Beverly F. Dolan, Textron, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 7/17/88. P. 200018-200026. A certified receipt is attached.

III. REMEDIAL RESPONSE PLANNING

1. Letter to Mr. Lee H. Thefsger [sic], Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Review and comments on the Remedial Investigation/Feasibility Study work plan by EPA, 12/28/88. P. 300001-300005.
2. Letter to Mr. Lee Trefsgger, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Follow-up letter to the December 1988 letter regarding EPA's review and comment of the Remedial Investigation/Feasibility Study (RI/FS) work plan, 1/9/89. P. 300006-300010. A partial letter from Environmental Resource Management, Inc. (ERM) regarding preliminary comments to the work plan is attached.
3. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Lee H. Trefsgger, Textron Lycoming, re: ERM's prepared preliminary responses for Textron Lycoming to EPA's comments on the RI/FS work plan, 2/2/89. P. 300011-300016.
4. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski, ERM, Inc., re: Option of using multi-plate artifical substrates for collecting the biota samples requested by EPA, 2/13/89. P. 300017-300021. A facsimile cover page and a description of the multi-plate are attached.
5. Report: Remedial Investigation Feasibility Study Work Plan/ Sampling and Analysis Plan, prepared by ERM, Inc., 5/1/89. P. 300022-300574. A letter regarding the report is attached.
6. Letter to Mr. Richard T. Wroblewski, ERM, Inc., from Mr. Eugene Dennis, U.S. EPA, re: Comments on the two phase air work outline, 3/6/89. P. 300575-300575.
7. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Larry S. Newcomer, PADER, re: Review of the revised RI/FS work plan, 6/6/89. P. 300576-300576.
8. Letter to Mr. Lee H. Trefsgger, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Additional comments regarding toxicological concerns on the revised RI/FS work plan, 6/9/89. P. 300577-300578.
9. Letter to Mr. Lee H. Trefsgger, Textron Lycoming, from

Mr. Eugene Dennis, U.S. EPA, re: Additional comments on the RI/FS work plan, 6/13/89. P. 300579-300581.

10. Report: Remedial Investigation Site Operations Plan, prepared by ERM, Inc., 7/12/89. P. 300582-300623.
11. Letter to Mr. Lee H. Trefsger, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: EPA's conditional approval for the revised RI/FS work plan, 7/25/89. P. 300624-300624.
12. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Larry S. Newcomer, PADER, re: Confirmation of change of PADER project officers for the Textron Lycoming site, 8/8/89. P. 300625-300626. A letter to Mr. Lee Trefsger of Textron Lycoming concerning the project officer change is attached.
13. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Randy Farmerie, re: A completed review of the second revision of the RI/FS work plan and the Remedial Investigation Site Operation Plan (RISOP), 8/15/89. P. 300627-300627.
14. Letter to Mr. Lee H. Trefsger, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Final approval of the revised RI/FS work plan, 8/15/89. P. 300628-300628.
15. Report: Draft Remedial Investigation Report, Volume I, prepared by ERM, Inc., 1/15/91. P. 300629-300964K. A letter regarding the report is attached.
16. Report: Draft Remedial Investigation Report, Volume II Appendices, prepared by ERM, Inc., 1/15/91. P. 300965-301863.
17. Report: Draft Remedial Investigation Report, Volume III Appendices, prepared by ERM, Inc., 1/15/91. P. 301864-302539.
18. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Randy Farmerie, PADER, re: Comments on the draft Remedial Investigation report, 2/12/91. P. 302540-302540.
19. Letter to Mr. Lee Trefsger, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Comments regarding EPA and PADER's review of the draft Remedial Investigation report, 3/4/91. P. 302541-302548.

20. Letter to Mr. Lee Trefsgers, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Comments regarding the review of the draft Risk Assessment report, 3/5/91. P. 302549-302553.
21. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Randy Farmerie, PADER, re: Sample results presented in both the Remedial Investigation and the Risk Assessment for several wells, 3/6/91. P. 302554-302555.
22. Letter to Mr. Lee Trefsgers, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Comments on the draft Remedial Investigation and Risk Assessment by PADER, 3/7/91. P. 302556-302558. A facsimile transmission cover letter is attached.
23. Report: Draft Risk Assessment Report, prepared by Textron Lycoming, 1/31/91. P. 302259-303121. A transmittal cover letter is attached.
24. Report: Draft Feasibility Study Report, prepared by Textron Lycoming, 3/15/91. P. 303122-303348. A transmittal cover letter is attached.
25. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Randy Farmerie, PADER, re: Comments to the draft Feasibility Study, 3/27/91. P. 303349-303350.
26. Letter to Mr. Lee Trefsgers, Textron Lycoming, from Mr. Eugene Dennis, U.S. EPA, re: Comments from the EPA on the draft Feasibility Study, 3/27/91. P. 303351-303353.
27. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski and Mr. Charles Bandoian, ERM, Inc., re: Transmittal of responses to comments on the draft Remedial Investigation, Risk Assessment and Feasibility Study reports, 4/10/90. P. 303354-303419. The responses are attached.
28. U.S. EPA Proposed Plan, AVCO Lycoming Site, 4/91. P. 303420-303435. A memorandum and corrected pages are attached.
29. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski and Dr. Charles A. Brandoian, Environmental Resources Management, Inc., re: Further off-site ground water recovery, 5/1/91. P. 303436-

303446. A letter regarding comments on the Proposed Plan is attached.

30. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski, Environmental Resources Management, Inc., re: Textron/ERM (Environmental Resources Management, Inc.) presentation to PADER (Pennsylvania Department of Environmental Resources)/EPA, 5/10/91. P. 303447-303451. A summary of the Textron/ERM presentation is attached.
31. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski, Environmental Resources Management, Inc., re: Correspondence to be considered as comments on the Proposed Plan, 5/14/91. P. 303452-303453.
32. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. James M. Luppert, Williamsport Municipal Water Authority, re: Comments on the Proposed Plan, 5/14/91. P. 303454-303456.
33. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski and Dr. Charles A. Bandoian, Environmental Resources management, Inc., re: Summary of Textron Lycoming's position regarding the planned remedial action, 5/16/91. P. 303457-303459.
34. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Richard T. Wroblewski and Dr. Charles A. Bandoian, Environmental Resources Management, Inc., re: Williamsport Municipal Water Authority's (WMWA) comments on the Proposed Plan, 5/16/91. P. 303460-303462.
35. Report: Independent Cost Estimate of Remedial Action (CORA), prepared by CDM Federal Programs Corporation. 6/25/91. P. 303463-303481.
36. Letter to Mr. Edwin B. Erickson, U.S. EPA, from Mr. A. Paul Franklin, PADER, re: State concurrence with the U.S. EPA's proposed remedy, 6/28/91. P. 303482-303483.
37. Record of Decision, Avco Lycoming Site, 6/28/91.

P.303484-303637.

38. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Larry S. Newcomer, PADER, re: Completion of review of the Explanation of Significant Differences (ESD) and concurrence with the remedy changes, 4/2/92. P. 303638-303638.
39. Memorandum to file from Mr. Eugene Dennis, U.S. EPA, re: Confirmation of the Technical Support Staff's recommendations and conclusions in support of the ESD applicable to the ROD, 4/2/92. P. 303639-303640.
40. Explanation of Significant Differences, Avco Lycoming Superfund Site, 4/9/92. P. 303641-303645. A cover letter is attached.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Transcript of public meeting, AVCO Lycoming Site, 5/2/91. P. 500001-500040.
2. Letter to Ms. Amy J. Barnett, U.S. EPA, from Mr. Michael Ochs, re: Questions regarding the AVCO Lycoming Site, 6/4/91. P. 500041-500041.
3. Press Release entitled, "The U.S. Environmental Protection Agency Announces Significant Differences Under The Remedy Selected For The Avco Lycoming Superfund Site", 4/13/92. P. 500042-500043.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. Risk Assessment Guidance for Superfund, Volume 1, Human Health Evaluation Manual (Part A), Interim Final, prepared by U.S. EPA, 12/89.
EPA 540 1-89 002.
2. Ground-Water Protection Strategy, prepared by Office of Ground-Water Protection, 8/1/84.
EPA-440/6-84-002
3. Guidelines for Ground-Water Classification Under the EPA Ground-water Protection Strategy, prepared by Office of Ground-Water Protection, 12/1/86.
4. CERCLA Compliance with Other Environmental Statutes, prepared by J.W. Porter, OSWER, 10/2/85.
OSWER #9234.0-2
Attachments: Potentially Applicable or Relevant and Appropriate Requirements
5. RCRA Ground-Water Monitoring Technical Enforcement Guidance Document (TECD), (Secondary Reference), prepared by EPA, 9/1/86.
OSWER #9950.1
6. Final Guidance for the Coordination of ATSDR Health Assessment Activities with the Superfund Remedial Process, prepared by J.W. Porter, OSWER/OERR and ATSDR, 5/14/87.
OSWER #9285.4-02
Attachment: Same Title, Dated 4/22/87.

7. Health Assessment Documents (58 Chemical Profiles)
Volume 28: Acetone, Arsenic, Asbestos, Barium, Benzene, Benzo(A)Pyrene, Cadmium, Carbon Tetrachloride, Chlorobenzene, Chlordane, Chloroform, Coal Tars, Copper, Cresols, Cyanide, DDT, 1,1-Dichloroethane, 1,2-Dichloroethylene; Volume 29: 1,1-Dichloroethane, 1,2-Dichloroethylene, CIS-1,2-Dichloroethylene, Ethylbenzene, Glycol Ethers, Hexachlorobenzene, hexachlorobutadiene, Hexachlorocyclopentadiene, Hexavalent Chromium, Iron (and compounds), Lead Lindane, Manganese (and compounds), Mercury, Methyl Ethyl Ketone, methylene Chloride, Naphthalene, Nickel, Pentachlorophenol, Phenol, Phenanthrene; Volume 30: Polychlorinated Biphenyls (PCBs), Polycyclic Aromatic Hydrocarbons (PAHs), Pyrene, Selenium (and compounds), Sodium Cyanide, Sulfuric Acid, 2,3,7,8-Tetrachlorodibenzo-p-Dioxin, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene, Toluene, 1,1,2-Trichloroethane, 1,1,1-Trichloroethane Trichloroethylene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, Trivalent Chromium, Vinyl Chloride, Xylene, Zinc (and compounds), prepared by ORD/OHEA/ECAO and OSWER/OERR, 9/1/84.
EPA-540/1-86/001-058
8. Integrated Risk Information Systems (IRIS) (A Computer-Based Risk Information System Available Through E-Mail-Brochure on Access is Included), prepared by OHEA, (undated).
9. HEAST Tables - Health Assessment Summary Tables Superfund Exposure Assessment Manual, prepared by OERR, 4/1/88.
OSWER #9285.5-1
10. Superfund Public Health Evaluation Manual, prepared by OERR and OSWER, 10/1/86.
OSWER #9285.4-1
11. Endangerment Assessment Guidance, (Secondary Reference), prepared by J.W. Porter, OSWER, 11/22/85.
OSWER #9850.0-1
12. ATSDR Toxicity Profiles, ATSDR/TP-88/xxx.
13. Data Useability in Risk Assessment, 10/90.
EPA/540/G-90/008
14. Guidance on Remedial Actions for Contaminated Ground

Water Superfund Sites, 12/88.
EPA/540/G-88/003
OSWER #9283.1-2